

## BIBLIOGRAPHICAL RECORD.

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A colon after initial designates the most common given name, as: A: Augustus; B: Benjamin; C: Charles; D: David; E: Edward; F: Frederic; G: George; H: Henry; I: Isaac; J: John; K: Karl; L: Louis; M: Mark; N: Nicholas; O: Otto; P: Peter; R: Richard; S: Samuel; T: Thomas; W: William. The initials at the end of each record, or note, are those of the recorder.

Corrections of errors and notices of omissions are solicited.

**American association for the advancement of science.** 23rd meeting, Hartford, Conn., 12-19 Aug. 1874. [Amer. nat., Sep. 1874, v. 8, p. 569-574.]

Notice of formation of the Entomological club of the A. A. S.; contains a list of papers read in section B, including about 12 entomological titles.

B: P. M. (2069)

**American association for the advancement of science.** [24th meeting, Detroit, Mich., 11-17 Aug. 1875.] (Amer. nat., Sep. 1875, v. 9, p. 524-527.)

Notice of meeting and of S. H. Scudder's Fossil butterflies [Rec., 591].

B: P. M. (2070)

**American association for the advancement of science.** [25th meeting, Buffalo, N. Y., 23-30 Aug. 1876.] (Amer. nat., Oct. 1876, v. 10, p. 636-640.)

Contains a list of papers read in section B, including 3 entomological titles.

B: P. M. (2071)

**American association for the advancement of science.** [26th meeting, Nashville, Tenn., 29 Aug.-4 Sep. 1877.] (Amer. nat., Oct. 1877, v. 11, p. 636-639.)

Contains a list of papers read in section B, including 3 entomological titles.

B: P. M. (2072)

**American association for the advancement of science.** [27th meeting, St. Louis, Mo., 21-28 Aug. 1878.] (Amer. nat., 1878, v. 12, Oct., p. 706; Nov., p. 769.)

Notes of meeting, with list of some papers read in section B, including none on entomology.

B: P. M. (2073)

**American association for the advancement of science.** 28th meeting, Saratoga [N. Y.], Aug. 27 to Sept. 2, 1879. (Amer. nat., Oct. 1879, v. 13, p. 664-665.)

Contains a list of papers read in section B, including about 6 entomological titles.

R. Th. (2074)

**American association for the advancement of science.** 29th meeting, Boston [Mass.], Aug. 25 to Sept. 1, 1880. (Amer. nat., Oct. 1880, v. 14, p. 757-760.)

Contains a list of papers read in section B, including about 30 entomological titles.

G: D. (2075)

**Appointment of state entomologist for New York.** (Can. entom., Aug. 1880, v. 12, p. 160.)

Appointment of Joseph Albert Lintner, of Albany, N. Y.

G: D. (2076)

**Ashmead, W: Harris.** The orange root borer. (Florida agriculturist [DeLand, Fla.], 16 Feb. 1881, no. 144, v. 3, no. 40, p. 316, col. 2-3, 34 cm., fig.)

Account and figure of a cerambycid larva, perhaps *prionus pocularis*, which consumes the interior of the roots of orange trees [citrus].

B: P. M. (2077)

**Balbani, E. G.** Remarques relatives à une communication de M. Boiteau, sur la présence d'œufs d'hiver du phylloxera dans les couches superficielles du sol. (Comptes rendus, 17 Nov. 1879, v. 89, p. 846-847.)

Reply, by Boiteau, entitled "Réponse à M. Balbani, au sujet de la présence de l'œuf d'hiver du phylloxera dans le sol." (Comptes rendus, 15 Dec. 1879, v. 89, p. 1027-1028.)

Crit. rev. of Boiteau's "Sur la présence, dans les couches . . . , d'œufs . . ." (Comptes rendus, 10 Nov. 1879, v. 89, p. 772-774) [Rec., 2083].

G: D. (2078)

**Baly, Joseph S.** Descriptions of new genera and species of *galerucinae*. (Annals and mag. nat. hist., Jan. 1879, s. 5, v. 3, p. 73.)

Cont. from v. 2, p. 422. Describes *diabrotica nigripes*, *d. fulvoscignata* and *d. sexmaculata* from Guatemala and *d. interruptofasciata* and *d. insignata* from Mexico.

R. H. (2079)

**Barber, Mrs. M. E.** On the fertilization and dissemination of *duvernoia adhatodoides*. (Journ. Linn. soc., Bot., 15 Apr. 1869, v. 11, p. 469-472.)

Describes and figures the actions of a *xylocopa* when visiting the flowers of this African plant.

W: T. (2080)

**Batelli, Dr.**—On the anatomy of *eristalis tenax*. (Annals and mag. nat. hist., Jan. 1879, s. 5, v. 3, p. 94.)

The external tube of the tail is regarded as a modified segment of the body.

R. H. (2081)

**Behr, H.** The phylloxera and its foes. (Pacific rural press [San Francisco], 31 July 1880, v. 20, p. 66, col. 1-3, 88 cm.)

Lecture delivered at the July meeting of the State viticultural commission, at Sonoma, Cal., 23 July 1880; biography of the phylloxera; enumeration of its foes.

B: P. M. (2082)

**Boiteau, —.** Sur la présence, dans les couches superficielles du sol, d'œufs d'hiver du phylloxera fécondés. (Comptes rendus, 10 Nov. 1879, v. 89, p. 772-774.)

Crit. rev., by E. G. Balbiani, entitled, "Remarques relatives à une communication de M. Boiteau, sur la présence d'œufs d'hiver du phylloxera dans les couches superficielles du sol." (Comptes rendus, 17 Nov. 1879, v. 89, p. 846-847.)

Notice. (Rev. scientifique, 22 Nov. 1879, p. 500, 5 cm.)

G: D. (2083)

**Boiteau, —.** Réponse à M. Balbiani, au sujet de la présence de l'œuf d'hiver du phylloxera dans le sol. (Comptes rendus, 15 Dec. 1879, v. 89, p. 1027-1028.)

Reply to E. G. Balbiani's "Remarques relative à une communication . . ." (Comptes rendus, 17 Nov. 1879, v. 89, p. 846-847) [Rec., 2078]

G: D. (2084)

**Boll, Jacob, see B., J. H.**, Memoir of the late Professor Jacob Boll [Rec., 1926].

**Bourgeois, J., see MOCQUERYS, S. and J. BOURGEOIS**, Tératologie entomologique . . . [Rec., 2037].

**Bowles, G: H., see ENTOMOLOGICAL SOCIETY OF ONTARIO—Montreal branch.** 7th annual report . . . [Rec., 2093].

**Bowles, G: J., see ENTOMOLOGICAL SOCIETY OF ONTARIO—Montreal branch.** 7th annual report . . . [Rec., 2093].

**Bridge-building ant (A).** ("Leisure hour.") (Colonies and India, 11 Dec. 1880, p. 14, 9 cm.)

How the driver-ants [*anomma arceus*] of Africa, cross streams.

G: D. (2085)

**Bridgman, J: B.** Bees and flowers. Nature, 6 Dec. 1877, v. 17, p. 102, 6 cm.)

States that *andrena hattorfiana* is found only on the flowers of *scabiosa*; *colletes succincta*, only on those of *erica*. The writer finds that bees collect the pollen of several species of flowers on a single visit.

W: T. (2086)

**Brongniart, C: and Max Cornu.** Epidémie causée sur des diptères du genre *syrphus* par un champignon *entomophthora*. (Comptes rendus, 9 Feb. 1880, v. 90, p. 249.)

The note, with above title, sent to the Académie des sciences, and referred to their Commission on the phylloxera, is not printed in the *Comptes rendus*, but the remarks of the Permanent Secretary [Jean Baptiste Dumas] in regard to the application of fungi to the destruction of insects are printed (*l. c.* p. 249-251). Quotes an abstract of H. A. Hagen's "Destruction of obnoxious insects" [Rec., 1666] given in a communication by H. Donckier de Donceel to the Bull. soc. entom. Belg.

G: D. (2087)

**Canker worms.** (Springfield [Mass.] sunday telegram, 9 Nov. 1873, . . . 15 cm.)

Mode of protecting trees with printers' ink. Extracted from *Mass. ploughman*.

G: D. (2088)

**Cornu, Max, see BRONGNIART, C: and MAX CORNU**, Epidémie causée sur des diptères . . . [Rec., 2087].

**Crüger, H.** A few notes on the fecundation of orchids and their morphology. (Journ. Linn. soc., Bot., 3 Mar. 1864, v. 8, p. 127-135, pl. 9.)

Considers the efficiency of insects in fertilizing several Trinidad orchids.

W: T. (2089)

**Darwin, Francis.** On the nectar-glands of the common brake fern (*pteris aquilina*). (Journ. Linn. soc., Bot., 1 June 1876, v. 15, p. 407-408.)

States that the glands attract several species of ants, especially *myrmica*; also *clater* and another beetle.

W: T. (2090)

**Decaux, —.** Destruction des *acarus*. (Feuille des jeunes naturalistes, March 1880, an. 10, p. 66-67.)

Uses carbon disulphide [C S<sub>2</sub>] to kill *acarus*.

G: D. (2091)

**Destroying grain weevils.** (Science news, 1 Aug. 1879, v. 1, p. 304.)

"Riley recommends the use of bisulphide of carbon [C S<sub>2</sub>]."

S: H. (2092)

**Entomological society of Ontario—Montreal branch.** 7th annual report of the council. (Can. entom., Aug. 1880, v. 12, p. 146-147.)

Report rendered by G: J: Bowles, *president*, and G: H. Bowles, *secretary*. List of papers read and of additions to library.

G: D. (2093)

**Erhaltung (Die) der flüchtigen Farben der Libellen.** (Entom. Nachrichten, 1 July 1880, jahrg. 6, p. 145.)

Abstract of P. Stefanelli's "2nda memoria intorno alla conservazione delle libellule a colori fugaci" (Bull. soc. entom. ital., 1879, an. 11, p. 29-36) [Rec., 2124].

G: D. (2094)

- Ernst, A.** La enfermedad del malojo en las vegas del Guaire. (La opinion nacional [Caracas, Venezuela], 20 Apr. 1880, año 13, no. 3262, p. 2-3, 65 cm.)  
Green corn fodder crops in the plains (*vegas*) of La Guayra attacked by an insect, here described, named provisionally *miris maidis* or *chinche del maiz*, which sucks the leaves and kills the plants. *B: P. M.* (2095)
- Ernst, A.** La epizootia de las moscas. (La opinion nacional [Caracas, Venezuela], 15 July 1880, año 13, no. 3331, p. [1], col. 4-5, 55 cm.)  
Destruction of flies by *empusa muscae*; description of the parasite. *B: P. M.* (2096)
- Fernald, C. H.** Oviposition in the *tortricidae*. (Amer. nat., Jun. 1881, v. 15, p. 63-65.)  
Separate, [Phil., 1881], p. 63-65, 23×15, t 18×10.2.  
Description of eggs and larvae, habits and oviposition of *tortrix fumiferana*, which is very destructive to leaves of *abies balsamea*. *B: P. M.* (2097)
- [**Fitch (Asa)**, The entomological collection of.] (Amer. naturalist. March 1880, v. 14, p. 228-229.)  
Enumeration of the contents of this collection, comprising 106 boxes arranged, 125000 duplicates, 148 note books, and other material. *B: P. M.* (2098)
- Forbes, Stephen Alfred.** The food of the darters. (Amer. nat., Oct. 1880, v. 14, p. 697-703.)  
Food of the *etheostomatinae*. Tabulation of the proportion of food which different groups of animals furnish to these fishes, which devour, among other insects, *corixa*, *palingenia*, *ephemeridae*, larvae of *phryganidae* and of *chironomus*, and pupae of *agronia* and of *chironomus*. *G: D.* (2099)
- [**Geffcken, Woldemar?**] List of lepidoptera from the Nelson and Churchill rivers and the west coast of Hudson's bay. (Rept. of progress geol. surv. Can., 1878-1879, p. 63c-64c. Montreal, 1880. 8°.)  
Nominal list of 25 butterflies and 4 moths. *S: H. S.* (2100)
- Godman, F. Du Cane and Osbert Salvin.** Descriptions of new species of *rhopalocera* from Central and South America. (Annals and mag. nat. hist., Sep. 1878, s. 5, v. 2, p. 257.)  
Describes *callithomia panamensis*, *ithomia aesion*, *i. jucunda*, *i. caedia*, *i. rhene* and *tithorea pithias* from Panama; *phyciodes pollis* from Mexico; *ph. fulgora*, *ph. sosis*, *ph. cassiopea* and *adelphe sophax* from Costa Rica; together with many South American species. *R. H.* (2101)
- Hagen, Hermann August.** [Bibliotheca entomologica.] (Harvard register, April 1880, v. 1, p. 85, col. 2, 3 cm.)  
Notice that Dr. Hagen leaves the continuation of this work to younger hands. *G: D.* (2102)
- Hance, H. F.** On the silkworm oaks of northern China. (Journ. Linn. soc., Bot., 7 May 1868, v. 10, p. 482-492.)  
Considers the rearing of "mountain silk" worms, and the plants which furnish their food. *W: T.* (2103)
- Houlbert.**— Phosphorescence d'une scolopendre. (Feuille des jeunes naturalistes, Nov. 1879, p. 14.)  
Phosphorescence of a French species of *scolopendra*. *G: D.* (2104)
- Humbert, Alois, see** SCUDDER, S.: Hubbard, Les premiers types d'insectes . . . [Rec., 2122].
- Joly, Emile, see** JOLY, Nicolas and Émile JOLY, Études sur le prétendu crustacé . . . (Rec., 2107).
- Joly, Émile.** Note sur le prétendu crustacé dont Latreille a fait le genre *prosopistoma*. (Mém. soc. nation. des sci. nat. de Cherbourg, 1872, v. 16. s. 2, v. 6, p. 329-336.)  
Considers *prosopistoma* an ephemerid. *S: H.* (2105)
- Joly, Émile.** Sur un nouvel cas de jeûne prolongé chez le *prosopistoma punctifrons*. (Annal. soc. entom. France, v. 8, trim. 2, Bull., p. 59-60.) *Zool. Anz.* (2106)
- Joly, Nicolas and Émile Joly.** Études sur le prétendu crustacé au sujet duquel Latreille a créé le genre *prosopistoma* et qui n'est autre chose qu'un véritable insecte hexapode. (Ann. des sci. nat., 1872, s. 5, v. 16, p. 1-16, pl. 13.)  
General remarks; external structure, insect characteristics, habits; résumé and conclusions; figures anatomy. *S: H.* (2107)
- Kansas state board of agriculture, Topeka, Kans.** Quarterly report for the quarter ending June 30, 1880. [2d quarterly report for 1880.] . . . J. K. Hudson, secretary. . . Topeka. [20 July] 1880, t.-p. cover+119 p. 23×15.  
Contains, p. 22-37, 40-56, detached statements of the prevalence of insects upon the various crops throughout the state, and recommending to cut out borers from fruit trees as the only means against them; recommends hand picking of rose chafers [*macrodactylus*], p. 61; chinch bugs [*blissus leucopterus*] injure sorghum cane; contains also the following article:—  
POPEÑO, E. A. The web worm. . . [Rec., 2060]. *B: P. M.* (2108)
- Lintner, Joseph Albert, see** APPOINTMENT of state entomologist . . . [Rec., 2076].
- [**Lintner, Joseph Albert, appointed** state entomologist of New York.] (Psyche, June [13 Aug.] 1880, v. 3, p. 83.) (Amer. nat., Sep. 1880, v. 14, p. 696.)  
Announcement and commendation. *B: P. M.* (2109)

- Lintner, Joseph Albert.** The clover-seed fly, a new insect pest. (Amer. nat., March 1879, v. 13, p. 190.)  
Brief account of and reference to description of larva of *cecidiomyia trifolii* n. sp., which destroys seeds of *trifolium pratense*. G: D. (2110)
- Meldola, Raphael.** Butterflies with dissimilar sexes. (Nature, 24 April 1879, v. 19, p. 586-588, 62 cm.)  
An extended review of S: H. Scudder's "Antigeny, or sexual dimorphism in butterflies" (Proc. Amer. acad. arts and sci., 1877, v. 12, p. 150-158) [Rec. 2121]  
G: D. (2111)
- Mouillefert, —.** Sur les résultats fournis par le traitement des vignes phylloxérées au moyen du sulfocarbonate de potasse [K<sub>2</sub>S<sub>2</sub>CS] et sur le mode d'emploi de cet agent. (Comptes rendus, 10 Nov. 1879, v. 89, p. 774-766.) G: D. (2112)
- Müller, Hermann. J. E. Taylor** über Blumen, ihren Ursprung, ihre Gestalten, Gerüche und Farben. (Kosmos [Leipzig], May 1879, bd. 5, p. 149-157, 289 cm.)  
Reviews J. E. Taylor's "Flowers, their origin, shapes, perfumes and colours;" compares it with C: Darwin's "On the various contrivances by which british and foreign orchids are fertilized by insects" and with J: Lubbock's "On british wild flowers considered in relation to insects." Discusses the geological age of insects and flowers. G: D. [2113]
- Olivier, A.** [Boîte à insectes.] (Feuille des jeunes naturalistes, Oct. 1880, an. 10, p. 162.)  
A new sort of box for collections of insects; no description given. G: D. (2114)
- Papilio cresphontes** in New England. (Amer. nat., Nov. 1877, v. 11, p. 688, 3 cm.)  
Crit. rev., by T: E. Bean, entitled "Northern occurrences of *papilio cresphontes*." (Can. entom., Feb. 1878, v. 10, p. 35-36.)  
Capture of the only specimen ever recorded from New England. [The review shows no nearer localities than W. Va., Ill. and Ontario ] B: P. M. (2115)
- Poisonous caterpillar (A).** (New remedies, Aug. 1879, v. 8, p. 256, 6 cm.)  
Extract from a paper by E. D. Jones in *Journ. roy. micros. soc.*, June 1879, with note by editor of *New remedies*. G: D. (2116)
- Riley, C: Valentine.** The ailanthus silk-worm, *attacus (samia) cynthia*. (Science news, 15 Oct. 1879, v. 1, p. 377-383.)  
Natural history, description; comparison with *s. ricini*; introduction into various countries; adaptability to our climate; difficulties in reeling the silk; relative value of native and introduced silk-worms. S: H. (2117)
- Riley, C: Valentine.** [Habits of the cotton-worm moth.] (Amer. nat., Nov. 1879, v. 13, p. 726.)  
Believes that *aletia argillacea* passes the winter in the imago state only. B: P. M. (2118)
- Ryder, J: A.** An account of a new genus . . . [Rec., 1685].  
Abstract. (Nature, 27 Nov. 1879, v. 21, p. 93, 6 cm.) J: M. W. (2119)
- Schaupp, Frank G:** Synoptic table of the genus *omophron* Latr. (Bull. Brooklyn entom. soc., May 1878, [v. 1]. p. [5].)  
Chiefly extracted from p. 71-75 of G: H: Horn's "Contributions to the coleopterology of the United States" (Trans. Amer. entom. soc., June 1879, v. 3, p. 69-97). F: G: S. (2120)
- Scudder, S: Hubbard.** Antigeny, or sexual dimorphism in butterflies. (Proc. Amer. acad. arts and sci., 1877, v. 12, p. 150-158.)  
Separate, with t.-p., [Bost., 10 May] 1877, p. 150-158. 24X15, t 16.5X9.7.  
Notice. (Amer. journ. sci. and arts, Sep. 1877, s. 3, v. 14, p. 244-245.)  
Abstract. (Annals and mag. nat. hist., Feb. 1878, s. 5, v. 1, p. 184.)  
Rev. by R. Meldola, entitled, "Butterflies with dissimilar sexes." (Nature, 24 April 1879, v. 19, p. 586-588, 62 cm.)  
Colorational and structural differences between or in the sexes of various butterflies enumerated and classified; females more commonly aberrant than males; existence of androconia in males opposes the theory of sexual selection. B: P. M. (2121)
- Scudder, S: Hubbard.** Les premiers types d'insectes; origine et ordre de succession des insectes dans la période paléozoïque. (Archiv. des sci. phys. et nat. Genève, 15 April 1880. p. 353-371. 8°.)  
Translation [by Alois Humbert] of S: H. Scudder's "The early types of insects . . ." (Mem. Rec. soc. nat. hist., March 1879, v. 3, p. 13-21) [Rec., 1789]. The bibliographical notes, together with note 1 on p. 16 and note 2 on p. 19 of the original paper are omitted. S: H. S. (2122)
- Scudder, S: Hubbard.** The early types of insects . . . [Rec., 1789].  
Fr. transl., by Alois Humbert, entitled "Les premiers types d'insectes; origine et ordre de succession des insectes dans la période paléozoïque. (Archiv. des sci. phys. et nat. Genève, 15 April 1880. p. 353-371. 8°.) S: H. S. (2123)
- Stefanelli, Pietro.** 2nda memoria intorno alla conservazione delle libellule a colori fugaci. (Bull. soc. entom. ital., 1879, an. 11, p. 29-36, pl. 6.)  
Abstract, entitled "Die Erhaltung der flüchtigen Farben der Libellen." (Entom. Nachrichten, 1 July 1880, jahrg. 6, p. 145.)  
Directions for preserving living colors of *libellulidae*, by rapid drying of fresh specimens. B: P. M. (2124)